



08/930480

SEQUENCE LISTING

<110> BRACCO, Laurent  
SCHWEIGHOFFER, Fabien  
TOCQUE, Bruno

<120> CONDITIONAL EXPRESSION SYSTEM

<130> ST95021-US

<140> 08/930,480

<141> 1998-01-21

<150> PCT/FR96/00477

<151> 1996-03-29

<150> FR95/03841

<151> 1995-03-31

<160> 32

<170> PatentIn Ver. 2.1

<210> 1

<211> 19

<212> DNA

<213> Escherichia coli

<400> 1

tctctatcac t gataggga  
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<210> 2

<211> 17

<212> DNA

<213> Bacteriophage lambda

<400> 2

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<210> 3

<211> 74

<212> PRT

<213> Homo sapiens

<400> 3

Lys Lys Pro Leu Asp Gly Glu Tyr Phe Thr Leu Gln Ile Arg Gly Arg  
1 5 10 15

Glu Arg Phe Glu Met Phe Arg Glu Leu Asn Glu Ala Leu Glu Leu Lys  
20 25 30

Asp Ala Gln Ala Gly Lys Glu Pro Gly Gly Ser Arg Ala His Ser Ser  
35 40 45

His Leu Lys Ser Lys Lys Gly Gln Ser Thr Ser Arg His Lys Lys Leu

RECEIVED  
MAY 31 2000  
TC 1600 MAIL ROOM

Sub  
F8

DI

50

55

60

Met Phe Lys Thr Glu Gly Pro Asp Ser Asp  
65 70

<210> 4  
<211> 768  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: ScFv Against  
p53

<400> 4  
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120  
tactatatgc actgggtgaa gcagaggcct gaacagggcc tggagtggat tggatggatt  
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gatcctaaga atggtgatac tgaatatgcc ccgaagttcc agggcaaggc cactatgact  
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gccgtgtatt attgtaattt ttacggggat gctttggact attggggcca agggaccacg  
360  
gtcaccgtct cctcaggtgg aggcggttca ggcggaggtg gctctggcgg tggcggatcg  
420  
gatgttttga tgacccaaac tccactcact ttgtcgggta ccattggaca accagcctcc  
480  
atctcttgca agtcaagtca gagcctcttg gatagtgatg gaaaaacata tttgaattgg  
540  
ttgttacaga ggccaggcca gtctccaaag cgcctaattct atctggtgtc taaactggac  
600  
tctggagtcc ctgacaggtt cactggcagt ggatcagggg cagatttcac acttaaaatc  
660  
aacagagtgg aggctgagga tttgggagtt tattattgct ggcaaggtag acattctccg  
720  
cttacgttcg gtgctggcac caagctggaa attaaacggg cggccgca  
768

<210> 5  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Peptide Arm  
(Hinge)

<400> 5  
Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser  
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<210> 6  
<211> 30  
<212> DNA

D1  
Cont

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Peptide Arm  
(Hinge)

<220>

<221> CDS

<222> (1)..(30)

<223> Peptide Arm Coding Sequence

<400> 6

ccc aag ccc agt acc ccc cca ggt tct tca  
30

Pro Lys Pro Ser Thr Pro Pro Gly Ser Ser  
1 5 10

<210> 7

<211> 10

<212> PRT

<213> Artificial Sequence

<223> Description of Artificial Sequence: Peptide Arm  
(Hinge)

<400> 7

Pro Lys Pro Ser Thr Pro Pro Gly Ser Ser  
1 5 10

<210> 8

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

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Peptide

<220>

<221> CDS

<222> (1)..(18)

<223> VSV Tag Peptide Coding Sequence

<400> 8

atg aac cgg ctg ggc aag  
18

Met Asn Arg Leu Gly Lys  
1 5

<210> 9

<211> 6

<212> PRT

<213> Artificial Sequence

<223> Description of Artificial Sequence: VSV Tag  
Peptide

<400> 9

Met Asn Arg Leu Gly Lys

D1  
cont.

1

5

<210> 10  
<211> 33  
<212> DNA  
<213> Artificial Sequence

<220>  
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Peptide

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Glu Gln Lys Leu Ile Ser Glu Glu Asp Leu Asn  
1 5 10

<210> 11  
<211> 11  
<212> PRT  
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Peptide

<400> 11  
Glu Gln Lys Leu Ile Ser Glu Glu Asp Leu Asn  
1 5 10

<210> 12  
<211> 7  
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<220>  
<223> Description of Artificial Sequence: SV40 NLS  
Peptide

<400> 12  
Pro Lys Lys Lys Arg Lys Val  
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<210> 13  
<211> 76  
<212> DNA  
<213> Artificial Sequence

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<223> Description of Artificial Sequence:  
Oligonucleotide

D1  
Cont

<400> 13  
ggctctagac ccaagcccag tcccccccca ggttcttcaa cgctggatc catgtccaga  
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ttagataaaa gtaaag  
76

<210> 14  
<211> 51  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence:  
Oligonucleotide

<400> 14  
cgtagcgaat tcgggccctt actcgaggga ccactttca catttaagtt g  
51

<210> 15  
<211> 76  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence:  
Oligonucleotide

<400> 15  
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cgcataaccc tgaaag  
76

<210> 16  
<211> 51  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence:  
Oligonucleotide

<400> 16  
cgtagcgaat tcgggccctt actcgagtgc tggtgttttt ttgttactcg g  
51

<210> 17  
<211> 35  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence:  
Oligonucleotide

<400> 17

D1  
cont

caggccatgg catgaagaaa cactggatg gagaa  
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<210> 18  
<211> 43  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence:  
Oligonucleotide

<400> 18  
cgtcggatcc tctagatgcg gccgcgtctg agtcaggccc ttc  
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<210> 19  
<211> 31  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence:  
Oligonucleotide

<400> 19  
caggctcgag aagaaaccac tggatggaga a  
31

<210> 20  
<211> 61  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence:  
Oligonucleotide

<400> 20  
caggctcgag cccaagccca gtaccccccc aggttcttca aagaaaccac tggatggaga  
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61

<210> 21  
<211> 37  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence:  
Oligonucleotide

<400> 21  
ggtcgaattc gggccctcag tctgagtcag gcccttc  
37

D  
Cont.

<210> 22  
<211> 29  
<212> DNA  
<213> Artificial Sequence

<220>  
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Oligonucleotide

<400> 22  
caggccatgg aggagccgca gtcagatcc  
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<210> 23  
<211> 46  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence:  
Oligonucleotide

<400> 23  
cgtcggatcc tctagatgcg gccgccacgg ggggagcagc ctctgg  
46

<210> 24  
<211> 66  
<212> PRT  
<213> Bacteriophage lambda

<400> 24  
Met Glu Gln Arg Ile Thr Leu Lys Asp Tyr Ala Met Arg Phe Gly Gln  
1 5 10 15

Thr Lys Thr Ala Lys Asp Leu Gly Val Tyr Gln Ser Ala Ile Asn Lys  
20 25 30

Ala Ile His Ala Gly Arg Lys Ile Phe Leu Thr Ile Asn Ala Asp Gly  
35 40 45

Ser Val Tyr Ala Glu Glu Val Lys Pro Phe Pro Ser Asn Lys Lys Thr  
50 55 60

Thr Ala  
65

<210> 25  
<211> 23  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence:  
Oligonucleotide

<400> 25

DI  
Cont

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23

<210> 26  
<211> 23  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence:  
Oligonucleotide

<400> 26  
gatagtggcg ttccctatatt cga  
23

<210> 27  
<211> 48  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence:  
Oligonucleotide

<400> 27  
gatccgactt tcacttttct ctatcactga tagtgagtgg taaactca  
48

<210> 28  
<211> 48  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence:  
Oligonucleotide

<400> 28  
agcttgagtt taccactccc tatcagtgat agagaaaagt gaaagtcg  
48

<210> 29  
<211> 96  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Double  
Stranded Teto DNA

<400> 29  
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tgaaaagaga tagtgactat cactcaccat ttgagt  
96

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Cont



<210> 30  
<211> 4  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence:Synthetic  
Vector

<220>  
<223> Sequence maybe repeated

<400> 30  
Leu Lys Leu Lys  
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<210> 31  
<211> 4  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence:Synthetic  
Vector

<220>  
<223> Sequence may be repeated

<400> 31  
Leu Lys Lys Leu  
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<210> 32  
<211> 42  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence:TETop

<400> 32  
gactttcact tttctctatc actgataggg agtggtaaac tc  
42

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D1  
cont